

# YASHICA

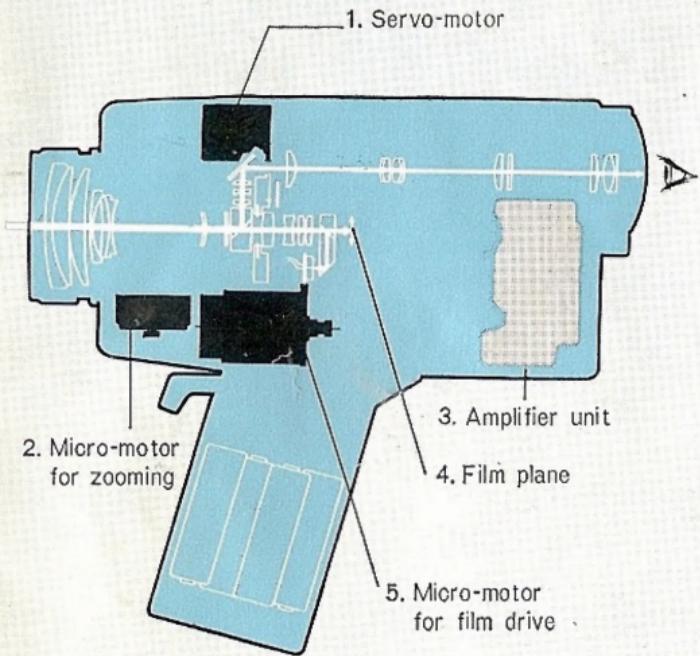


## SUPER-600 ELECTRO

INSTRUCTION BOOKLET

# SUPER-600 ELECTRO

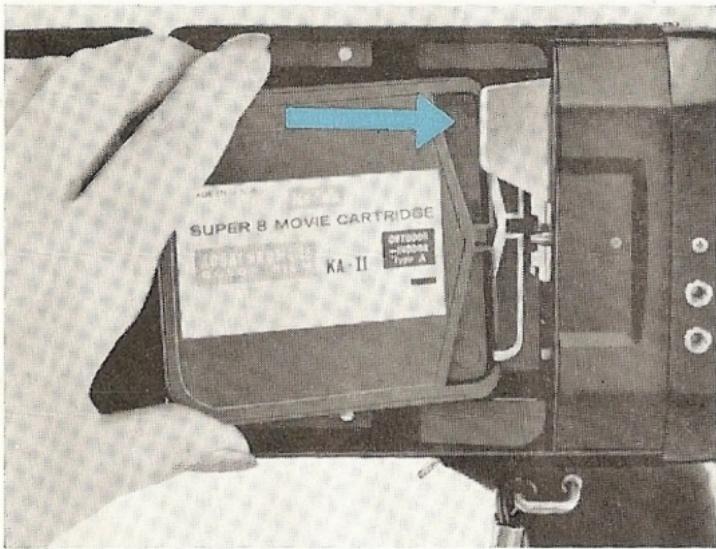




Congratulations on your choice of a fine equipment. Your Yashica SUPER-600 Electro, unsurpassed in quality and performance, will certainly give you years of faithful service and lasting pleasure in home movie making. It features an ultra-sharp YASHI-NON-DX f/1.8 6 to 1 Zoom lens with push-button control. For the first time a Servo-Motor has been incorporated in a movie camera which sets instantly and automatically the correct aperture according to the prevailing light and color intensity. This unique electronic system is absolutely shock-proof and it eliminates all exposure worries.

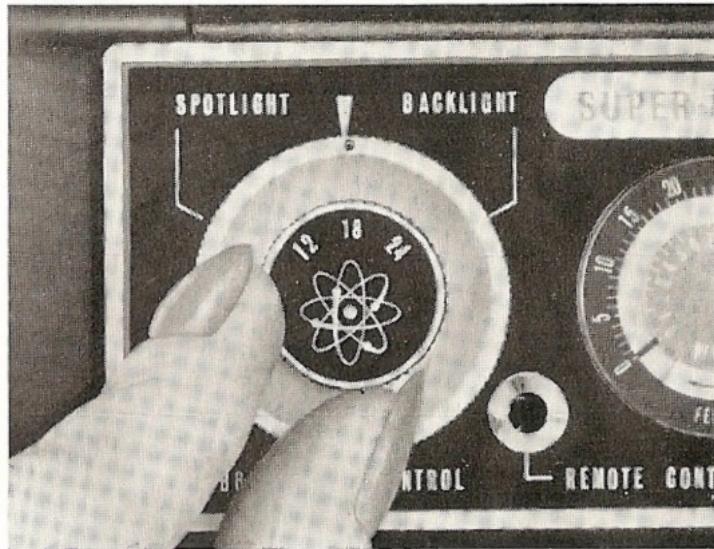
The revolutionary SERVOMATIC EXPOSURE CONTROL SYSTEM has been developed by Yashica.

## FOUR SIMPLE STEPS TO FILMING



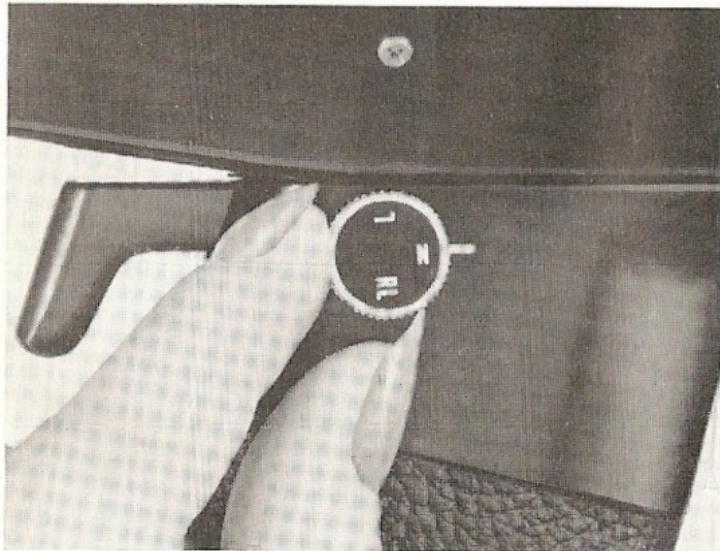
1

Drop in a Super 8 film cartridge. This will automatically set the ASA speed.



2

Set the Filming Speed Dial to the required speed (normally 18 fps), and align the red point of the Brightness Control Ring with the ▼ mark above the Ring for normal scenes.



# 3

Set the Shutter Control Ring to "N".



# 4

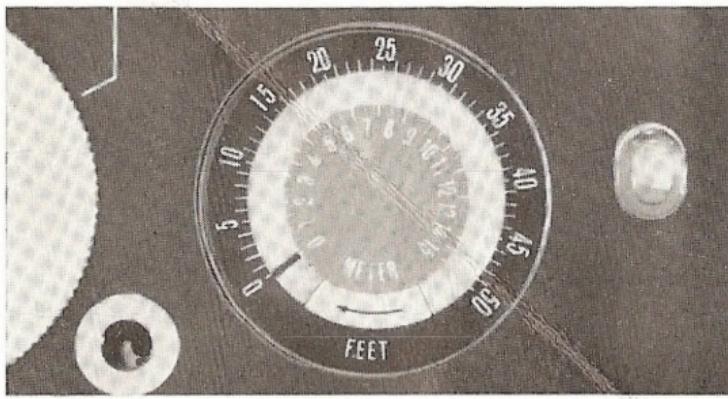
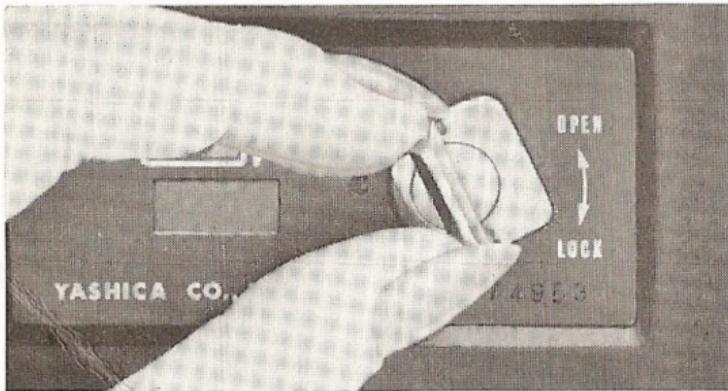
Focus and press the Shutter Release Trigger.

## BATTERY LOADING AND CHECKING



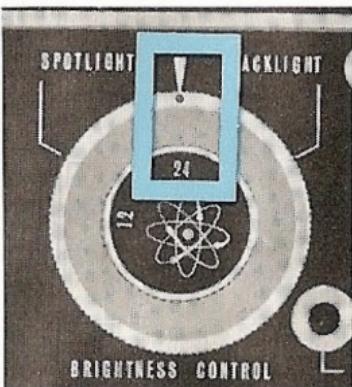
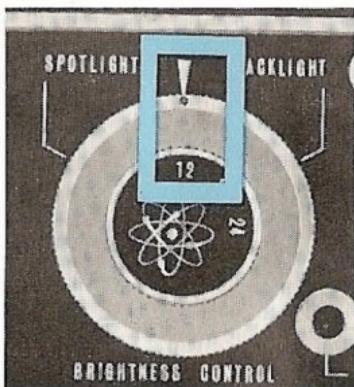
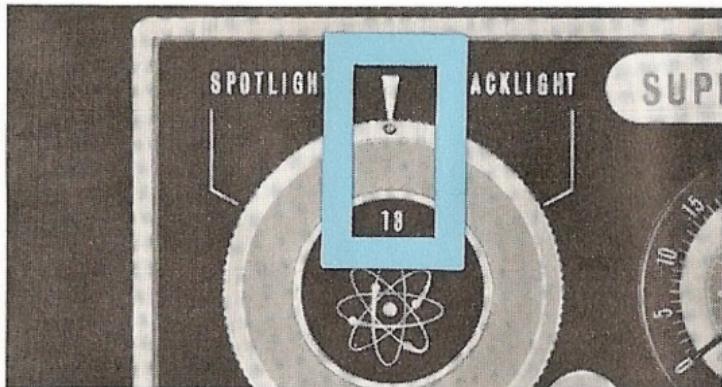
- ① Unscrew the screw-head on the base of the camera grip and slide out the Battery Compartment Cover.
- ② Install four 1.5V AA-size penlight batteries as indicated in the polarity diagram shown inside the battery compartment. Slide back the cover into position and turn the screw-head to the right.
  - The camera will not function if the batteries are not correctly installed.
- ③ Check the battery power before each filming by depressing the Battery Checker Button. If the green lamp lights, both the film drive and exposure systems will operate. If the green lamp fails to light, or if the battery power is weak, in which case the camera will not function properly, the batteries should be replaced.

## LOADING THE CAMERA



- ① Turn the Cover Lock Lever and open the side cover of the camera.
- ② Place a Super 8 film cartridge in the film chamber, label side up, with the film towards the lens. Press the rear edge of the cartridge forward and downward until it locks into position. Lock the side cover of the camera. The ASA speed is set automatically.
- ③ The needle of the Footage Counter will now register "0" (feet/meters). Proper film advance is indicated by the revolving blue and yellow pattern in the Film Run Checker Window.

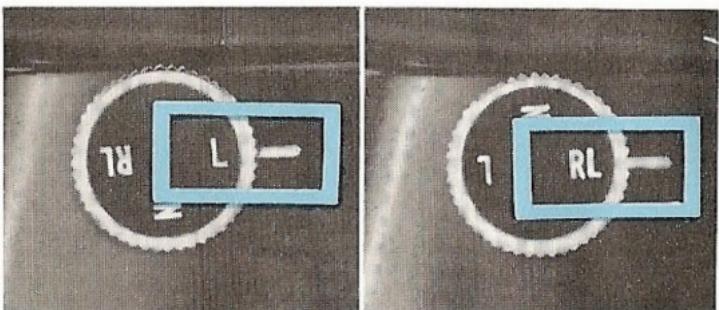
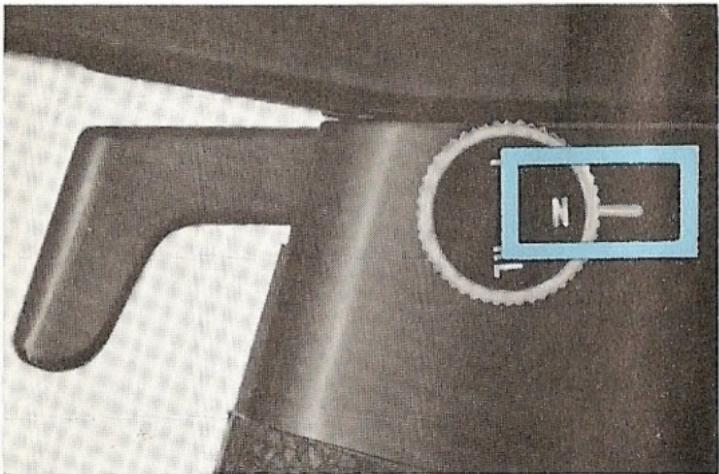
## FILMING SPEEDS



The Yashica SUPER-600 Electro offers a choice of three filming speeds: 18, 12 and 24 frames per second. To set the desired speed turn the Filming Speed Dial until the required setting aligns with the ▼ mark above the Brightness Control Ring.

1. **18 fps.** is the normal filming speed and is used in filming any normal scene.
2. **12 fps.** is used to accelerate the movement of the subject. It is effective in filming scenes of moving trains, automobiles, etc. which will appear on the screen to be travelling at a much faster speed.
3. **24 fps.** is used to slow down the movement of the subject. It is effective in filming sports scenes and other fast moving subjects, which will appear on the screen to be moving at a much slower speed.

## SHUTTER CONTROL RING

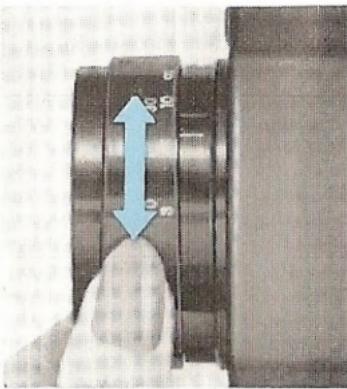


1. "**N**" When the Shutter Control Ring is set at the "N" position, the shutter will function for as long as the Shutter Release Trigger is depressed. This setting is used for normal filming, and single frame exposure with a cable release.
2. "**L**" At this setting the shutter locks, thus preventing any accidental release of the Shutter Release Trigger, and switches off the circuit to prevent drain on the batteries. Turn the Shutter Control Ring to the "L" position when the camera is not in use.
3. "**RL**" At this setting the shutter operates continuously. To stop filming, turn the Shutter Control Ring to the "N" position.

## VIEWING AND FOCUSING



1. In focus



2. Out of focus

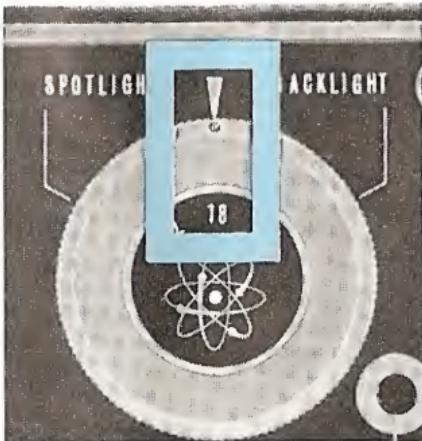


The Yashica SUPER-600 Electro features through-the-lens reflex Viewfinder providing parallax-free viewing through the camera's zoom lens. Provision for eyesight adjustment permits clear viewing with or without eyeglasses.

① Press the Tele (Zoom) Lens Button to zoom the lens to the extreme position, rotate the Focusing Ring to infinity, sight through the Viewfinder and turn the Dioptric Adjustment Ring until distant subjects appear sharp and clear.

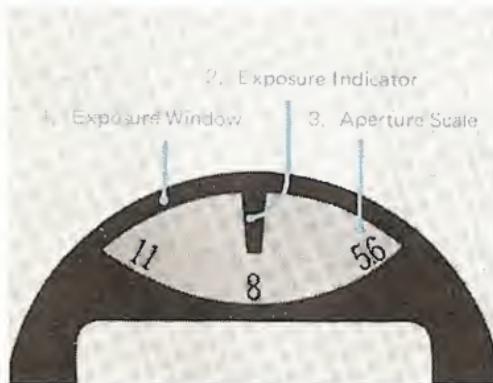
② To focus, press the Tele (Zoom) Lens Button to zoom the lens to the extreme position, sight through the Viewfinder and rotate the Focusing Ring until the subject in the microprism, in the center of the Viewfinder, appears sharp and clear.

## EXPOSURE CONTROL



- ① Align the red point on the Brightness Control Ring with the thick ▼ index.

- ② The THRU-THE-LENS SERVOMATIC CONTROL SYSTEM assures split-hair automatic exposure control. When the Shutter Release Trigger is pressed gently, the SERVOMATIC EXPOSURE CONTROL SYSTEM is activated and the Aperture Scale in the Exposure Window, visible in the View-finder, moves in either direction. Make sure the Exposure Window comes to a complete stop (as a safeguard against possible exposure errors with the first few frames of the scene), then depress the Shutter Release Trigger all the way when a click will be heard and the shutter will begin to function. That is all you need to do for perfect exposures.



### **Correct Exposure:**

This is assured when the Exposure Indicator points to any position on the Aperture Scale, other than the red warning area.

### **Under Exposure:**

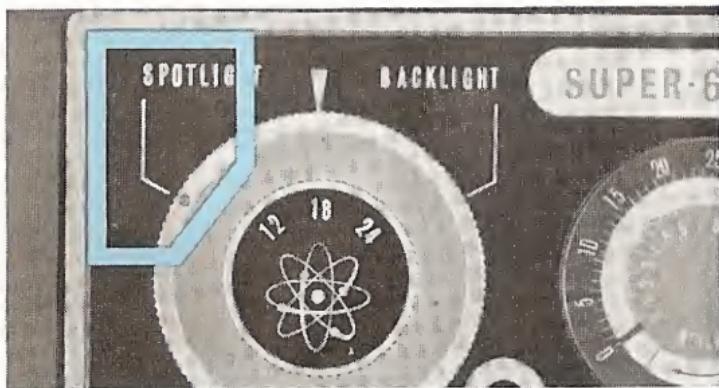
When the Exposure Indicator points to the red warning area beyond f/1.8, it signifies a warning against under-exposure; simultaneously, a lamp symbol will appear in the Exposure Window and recommend the use of a movie-light.

### **No Over Exposure:**

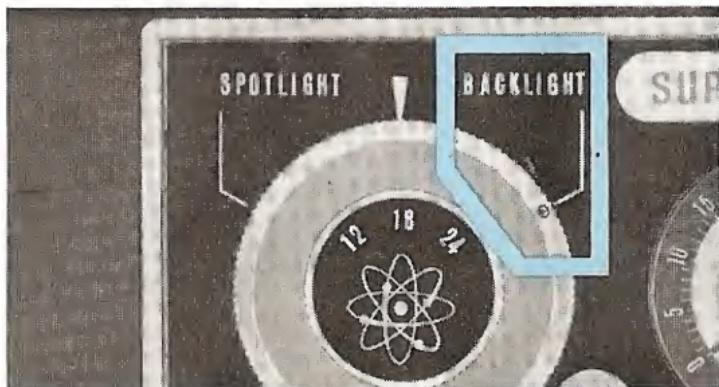
Thanks to the high precision servo-motor incorporated in the Yashica SUPER-600 Electro, the diaphragm closes down smoothly to a very small opening, thus safeguarding against over-exposure even in extremely bright light.



## BRIGHTNESS CONTROL RING – SPOTLIGHT AND BACKLIGHT

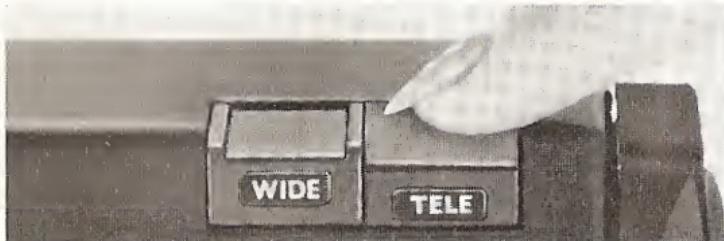


**1. Spotlight Control:** Before filming a scene in which the light is directed only on the main subject, leaving the surroundings in darkness, align the red point on the Brightness Control Ring with the SPOTLIGHT position; for effective exposure compensation the aperture will close down approximately one stop.



**2. Backlight Control:** Before filming a scene in which the light appears from behind the main subject, align the red point on the Brightness Control Ring with the BACKLIGHT position; for effective exposure compensation the aperture will open approximately one stop.

# ZOOM



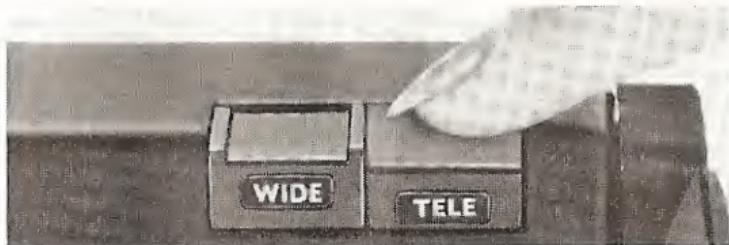
## ZOOM

The exciting 6 to 1 zoom lens enables you to film the full size of a subject and then zoom it to concentrate on parts of it. By pressing the TELE (Zoom) Lens Button, you take distant shots, close-ups or intermediary range shots, thus adding breath-taking effect to the series of scenes you are filming. The Wide-angle lens enables you to cover a wider area than with the normal lens. This is achieved by pressing 13 the WIDE-ANGLE (Zoom) Lens Button.





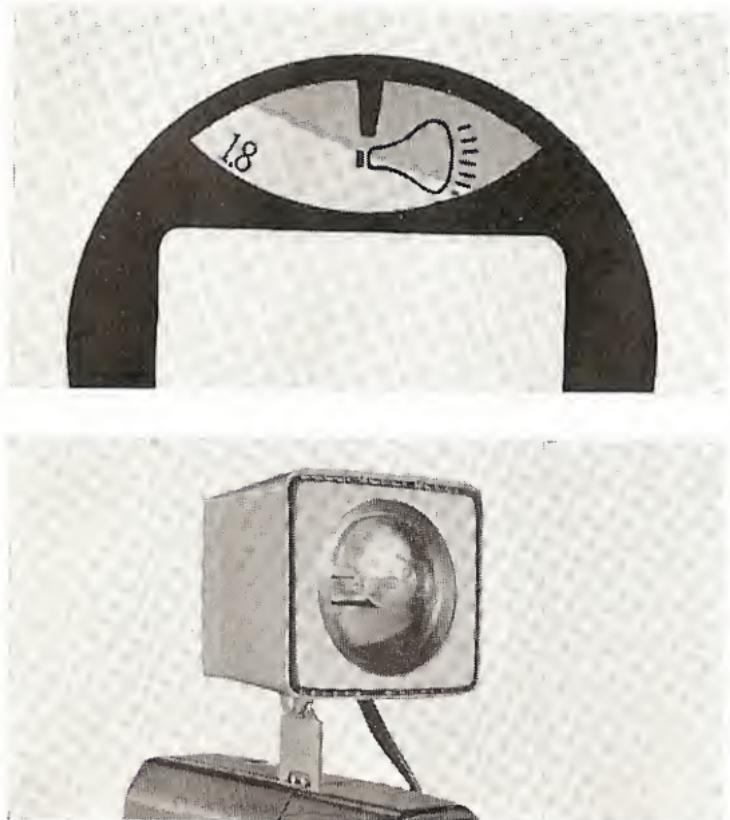
# ZOOM



## GUMMILINSE

Mit der dynamischen 6 : 1 Gummilinse können Sie zunächst eine Person in voller Gestalt aufnehmen, um dann das Gesicht an die Kamera "heranzuholen". Drücken der "Tele"-Taste bewirkt Brennweitenverlängerung für Tele-Aufnahmen. Drücken der "Wide"-Taste bewirkt Brennweitenverkürzung für Weitwinkel. Mit diesem Mechanismus lassen sich atemberaubende Effekte erzielen, und Ihre Filmszenen werden niemals monoton. Allerdings ist sparsame Anwendung geraten, da sonst effektvolle Szenen verdorben werden können.

## USE OF MOVIE-LIGHT



When the Exposure Indicator indicates under-exposure, a lamp symbol will appear in the Exposure Window and recommend the use of a movie-light. Insert a Super-8 movie-light all the way into the Movie-Light Slot on the top of the camera body until it clicks into position. Mounting the Super-8 movie-light sets the camera automatically for indoor shooting.

## FILTER KEY



When using a movie-light which does not fit into the Movie-Light Slot of the camera, make sure the filter key, supplied as a standard accessory, is inserted into the Movie-Light Slot.

**IMPORTANT:** Make sure the filter key or the Super-8 movie light is removed from the Movie Light Slot, when filming outdoors under natural light.



## REMOTE CONTROL



By using the Yashica Remote Controller, you will be able to operate your camera from a distance.

- ① Switch the Remote Controller to the "OFF" position and plug its lead into the Remote Control Socket of the camera.
- ② With the Shutter Release Trigger depressed turn the Shutter Control Ring to the "RL" position. You can now operate your camera, from a distance, merely by switching the Remote Controller "ON" or "OFF".

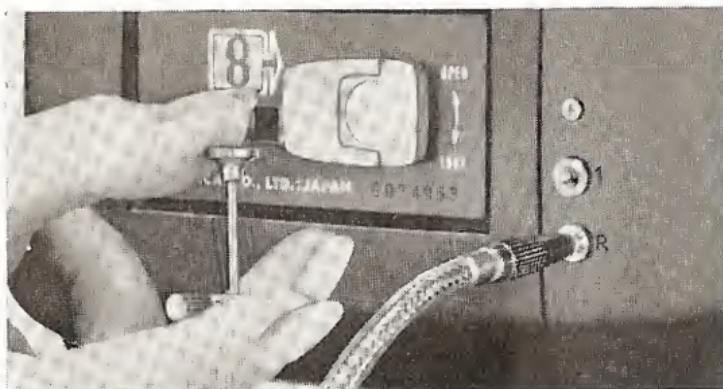
The use of the Remote Controller is effective in filming natural life, in scientific cinematography, as well as in candid filming.

## SINGLE-FRAME EXPOSURE & USE OF CABLE RELEASE



### Single-frame exposure

Set the Shutter Control Ring to the "N" position and screw the cable release into the Single Frame Exposure Socket "1". Each time you depress the cable release, a single frame of the film will be exposed.



### Use of cable release

Set the Shutter Control Ring to the "N" position and screw the cable release into the Cable Release Socket "R". The use of a Cable Release is recommended when the camera is mounted on a tripod, to prevent any erratic movement of the camera during filming.

## UNLOADING THE CAMERA • LENGTH OF INDIVIDUAL SCENES

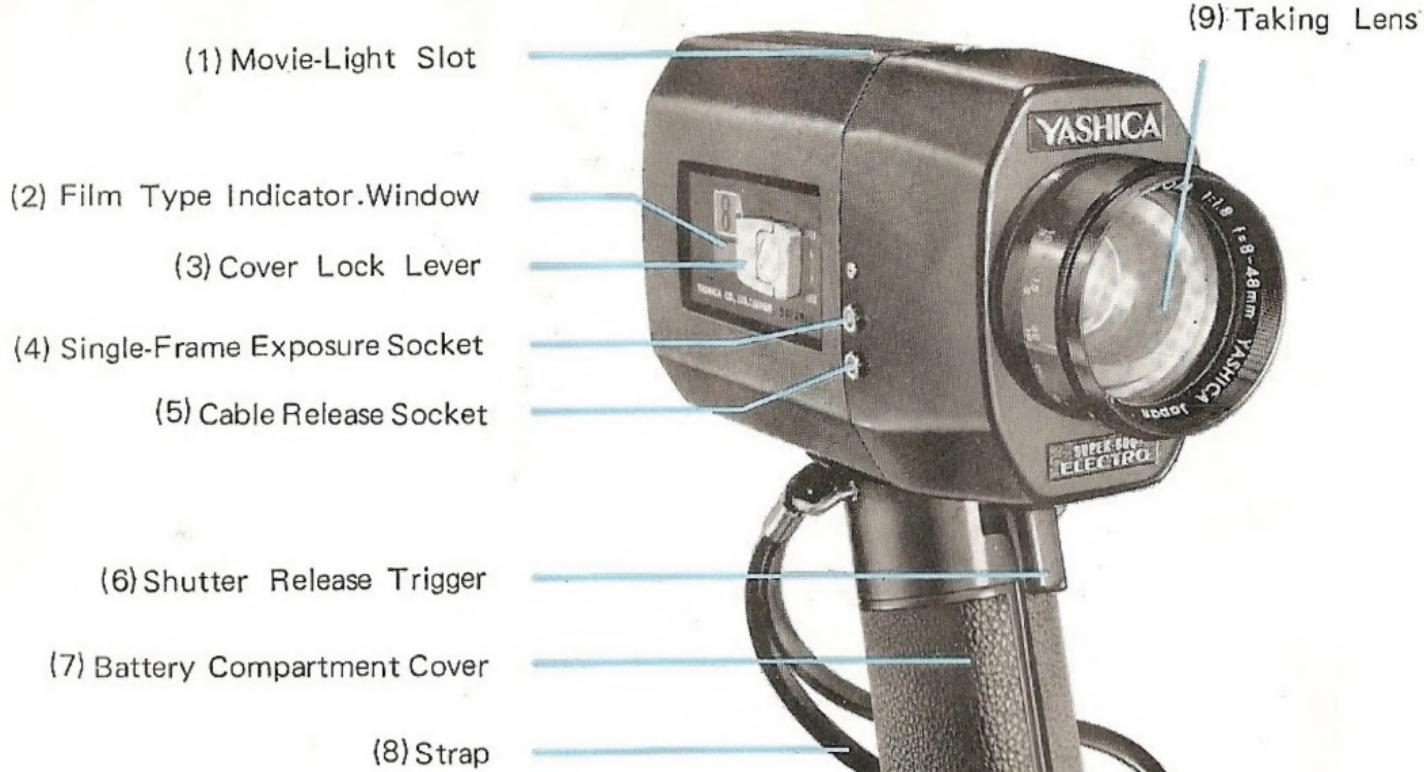


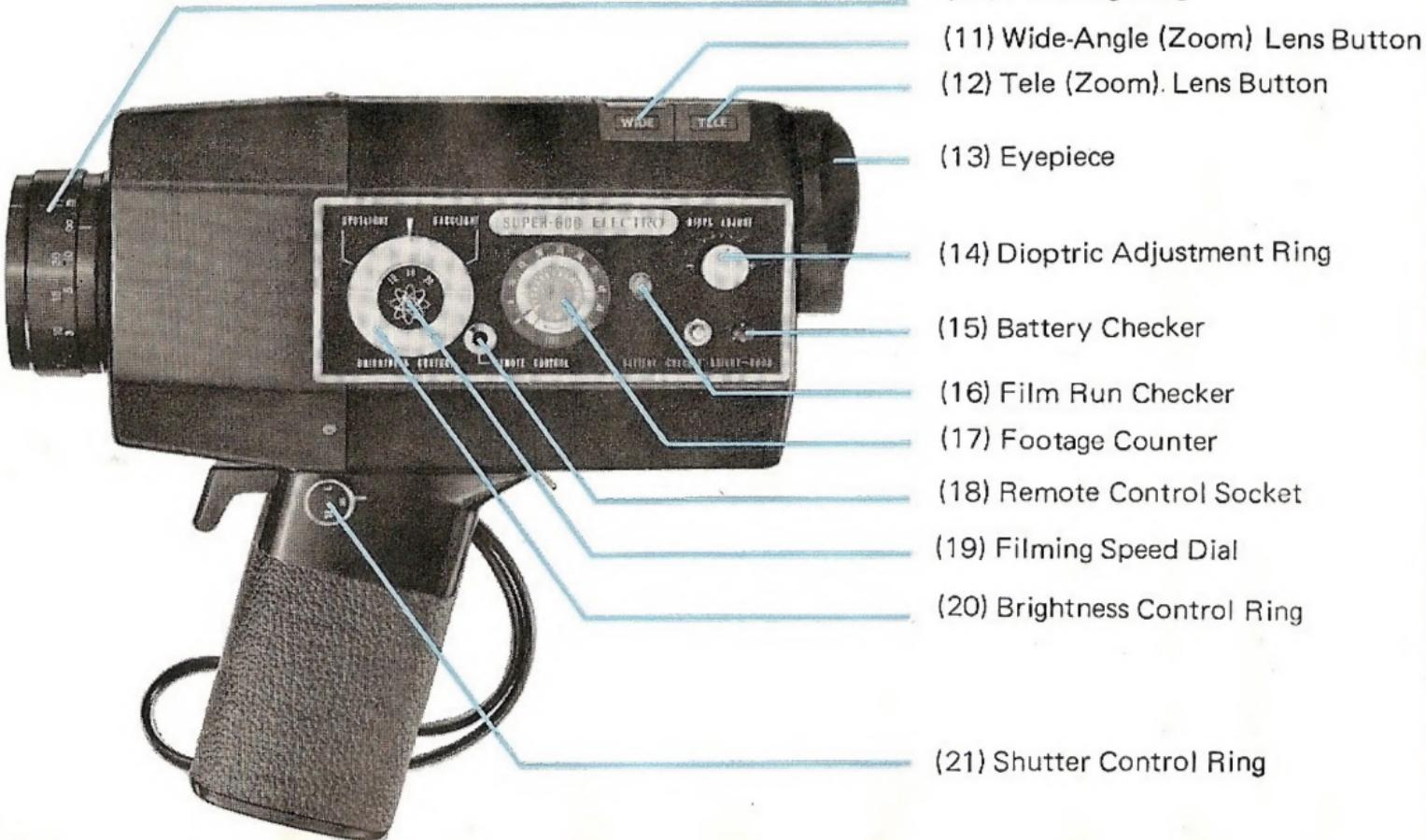
### Unloading the camera

When all 50 feet (15 meters) of film have been exposed, the Footage Counter Needle will register "50" (feet)/"15"(meters) and the word "END" will appear in the viewfinder. Stop filming, remove the film cartridge from the camera and send it for processing. The word "END" will also appear in the viewfinder when the Shutter Release Trigger is depressed without film in the camera.

### Length of individual scenes

By one scene is meant the length of film exposed while the Shutter Release Trigger is depressed once. There are no rigid rules as to how long a scene should run, but an average scene should last from 7 to 10 seconds, while action scenes could run longer.





- (10) Focusing Ring
- (11) Wide-Angle (Zoom) Lens Button
- (12) Tele (Zoom). Lens Button
- (13) Eyepiece
- (14) Dioptic Adjustment Ring
- (15) Battery Checker
- (16) Film Run Checker
- (17) Footage Counter
- (18) Remote Control Socket
- (19) Filming Speed Dial
- (20) Brightness Control Ring
- (21) Shutter Control Ring

## **YASHICA SUPER-600 Electro**

### **Elektronische 8mm Film-Kamera, konstruiert zur Verwendung von Super-8 Filmkassetten**

- 6X Zoom Objektiv: Yashinon-DX Elektrisches Zoom Objektiv 8mm--48mm f/1.8, bestehend aus 12 Elementen in 10 Gruppen mit vollautomatischem Zoom-System.
- Sucher: Durch-das-Objektiv Reflex-Sucher mit Dioptrik-Korrektur und Belichtungsanzeiger im Sucherfeld sichtbar.
- Einstellung: Mikropräzision-Bildeinstellung; Einstellung ist möglich durch Drehen des Einstellrings; Distanz von 1,5 Meter (4,9 ft) bis unendlich.
- Belichtung: Durch-das-Objektiv CdS Belichtungsmesser mit Servomatic Belichtungskontrolle mit Objektivblende gekuppelt; automatische Einstellung der Filmempfindlichkeit von 25 bis 400 ASA; Blendenöffnungs-Skala (f/1.8 bis f/32) und Unterbelichtungs-Warnanzeige im Sucher sichtbar; mit Einstellung für "Objekt-Belichtung" und "Hintergrund-Belichtung"; der Servo-Motor funktioniert vom gleichen Batteriestrom, der den Filmtransport speist.
- Filmgeschwindigkeiten: 12, 18 und 24 Bilder p/Sek. (ganz zur Belichtungs-Einstellung gekuppelt), sowie Einzelbild.
- Weitere Vorteile: Elektrischer Antrieb durch vier Standard 1.5V Taschenlampen-Batterien. Eingebauter Typ 85A Filter, Filmtyp-Anzeiger, Batterie-Kontrolle, automatische "Filmende" Anzeige, Anzeige für Benutzung der Kinoleuchte, automatische Anzeige des benutzten Filmes mit Rückstellung, Auslöserverriegelung, Dauer-Lauf, Fernbedienungs-Anschluß, Befestigungsschlitz für Innenaufnahmen-Lampe, fester Handgriff.
- Abmessungen: 193 x 74 x 194mm (mit Griff)
- Gewicht: 1,350 Gramm.

Pioneer in Electronic Cameras



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